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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/731,917	12/08/2000	Xin Wang	107146	9895

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Oliff & Berridge PLC
P.O. Box 19928
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EXAMINER

NGUYEN, THANH T

ART UNIT PAPER NUMBER

2144

DATE MAILED: 10/20/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/731,917

Applicant(s)

WANG, XIN

Examiner

Tammy T. Nguyen

Art Unit

2144

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE (3) MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 June 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 08 December 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____



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Detailed Office Action

1. This action is in response to the amendment filed on June 28, 2005.
2. Claims 1- 12 are pending.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.
4. Claims 1-12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Gennaro et al., (hereinafter Gennaro) U.S. Patent No. 5,937,066 in view of Simpson et al., (hereinafter Simpson) U.S. Patent No. 6,927,869.
5. As to claim 1, Gennaro teaches the invention as claimed, including a method for using a protected document, comprising: receiving a document usage request for

using the protected document in a session col.13, lines 47-50, message transmits is encrypted and decrypted); authenticating the protecting document (col.10, lines 51-55); authorizing usage of the protected document col.10, lines 51-55, and col.25, lines 50-60); creating a session key for the session (col.10, lines 58-62); issuing a proxy key that delegates decryption to the session (col.10, lines 57-67, key encrypting key allowing them to decrypt the encrypted data keys (session key)); But Gennaro does not teach partially rendering a portion of the protected document, performs proxy transformation on the partially rendered document using the proxy keys, and decrypting the proxy transformed partially rendered document using the session key. However, Simpson teaches partially rendering a portion of the protected document, performs proxy transformation on the partially rendered document using the proxy keys, and decrypting the proxy transformed partially rendered document using the session key (see col.3, lines 40-48). It would have been obvious to one of ordinary skill in the art at the time of the invention was made to implement the teachings of Simpson into the computer system of Gennaro to have partially rendering a portion of the protected document, performs proxy transformation on the partially rendered document using the proxy keys, and decrypting the proxy transformed partially rendered document using the session key because it would have an efficient system that can provide for the secure and controlled electronic distribution of documents across a communications network, such as internet.

6. As to claim 2, Gennaro teaches the invention as claimed, further comprising:
retrieving terms and conditions of the session; retrieving usage parameters and system

resource information for the session; and comparing the retrieved usage parameters and system resources and the retrieved terms and conditions, wherein the authorized usage is based on comparison results of the retrieved usage parameters and system resources and the retrieved terms and conditions (col.10, lines 51-67).

7. As to claim 3, Gennaro teaches the invention as claimed, wherein the retrieved terms and conditions are associated with at least one of identification of the protected document and usage type (col.14, lines 35-38).
8. As to claim 4, Germaro teaches the invention as claimed, wherein the document usage request contains at least one of document identification, usage type, and user identification (col.30, lines 41-55).
9. As to claim 5, Gennaro teaches the invention as claimed, wherein authenticating the protected document comprises at least one of: checking a digital signature associated with the protected document; and verifying integrity of each component of the protected document (col.11, lines 30-35).
10. As to claim 6, Gennaro teaches the invention as claimed, including a usage authorization system for using a protected document, comprising: a request receiving device that receives a document usage request for using the protected document in a session (col.13, lines 47-50, message transmits is encrypted and decrypted); a document processing device that authenticates the protected document (col. 10, lines 51-55); a document source that authorizes usage of the protected document, and issues a proxy key that delegates decryption to the session (col.10, lines 57-67, key - encrypting key allowing them to decrypt the encrypted data keys (session key)); an

access device that, along with the document device, creates a session key for the session. But Gennaro does not teach partially rendering a portion of the protected document, performs proxy transformation on the partially rendered document using the proxy keys, and decrypting the proxy transformed partially rendered document using the session key. However, Simpson teaches partially rendering a portion of the protected document, performs proxy transformation on the partially rendered document using the proxy keys, and decrypting the proxy transformed partially rendered document using the session key (see col.3, lines 40-48). It would have been obvious to one of ordinary skill in the art at the time of the invention was made to implement the teachings of Simpson into the computer system of Gennaro to have partially rendering a portion of the protected document, performs proxy transformation on the partially rendered document using the proxy keys, and decrypting the proxy transformed partially rendered document using the session key because it would have an efficient system that can provide for the secure and controlled electronic distribution of documents across a communications network, such as internet.

11. As to claim 7, Gennaro teaches the invention as claimed, wherein the document source retrieves terms and conditions of the session, retrieves usage parameters and system resource information for the session, and compares the retrieved usage parameters and system resources and the retrieved terms and conditions, the authorized usage being based on comparison results of the retrieved usage parameters and system resources and the retrieved terms and conditions (col.10, lines 51-67).

12. As to claim 8, Gennaro teaches the invention as claimed, wherein the retrieved terms and conditions are associated with at least one of identification of the protected document and usage type (col. 14, lines 35-38).
13. As to claim 9, Gennaro teaches the invention as claimed, wherein the document usage request contain at least one of document identification, usage type, and user identification (col.30, lines 41-55).
14. As to claim 10, Gennaro teaches the invention as claimed, wherein the document processing device authenticates the protected document by at least one of: checking a digital signature associated with the protected document; and verifying integrity of each component of the protected document (col.11, lines 30-35).
15. As to claim 11, Gennaro teach the invention as claimed, comprise a combination of performing partial rendering transformation (col.5, lines 45-65). But Gennaro does not teach partially rendering a portion of the protected document, performs proxy transformation on the partially rendered document using the proxy keys. However, Simpson teaches partially rendering a portion of the protected document, performs proxy transformation on the partially rendered document using the proxy keys (see col.3, lines 40-48). It would have been obvious to one of ordinary skill in the art at the time of the invention was made to implement the teachings of Simpson into the computer system of Gennaro to have partially rendering a portion of the protected document, performs proxy transformation on the partially rendered document using the proxy keys because it would have an efficient system that can provide for the

secure and controlled electronic distribution of documents across a communications network, such as internet.

16. As to claim 12, Gennaro teaches the invention as claimed, wherein the session and proxy keys are not usable for directly decrypting the protected document without rendering the protected document and performing proxy transformation on the rendered document (16, lines 45-50).

Conclusion

17. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

18. Any inquiries concerning this communication or earlier communications from

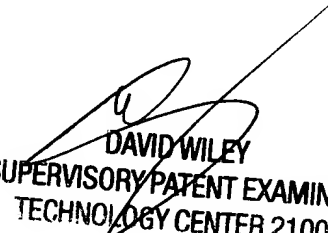
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the examiner should be directed to **Tammy T. Nguyen** who may be reached via telephone at **(571) 272-3929**. The examiner can normally be reached Monday through Friday between 8:00 a.m. and 5:00 p.m. eastern standard time.

If you need to send the Examiner, a facsimile transmission regarding this instant application, please send it to **(703) 872-9306**. If attempts to reach the examiner by telephone are unsuccessful, the Examiner's Supervisor, David Wiley, may be reached at **(571) 272-3923**.

TTN
October 13, 2005


DAVID WILEY
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100